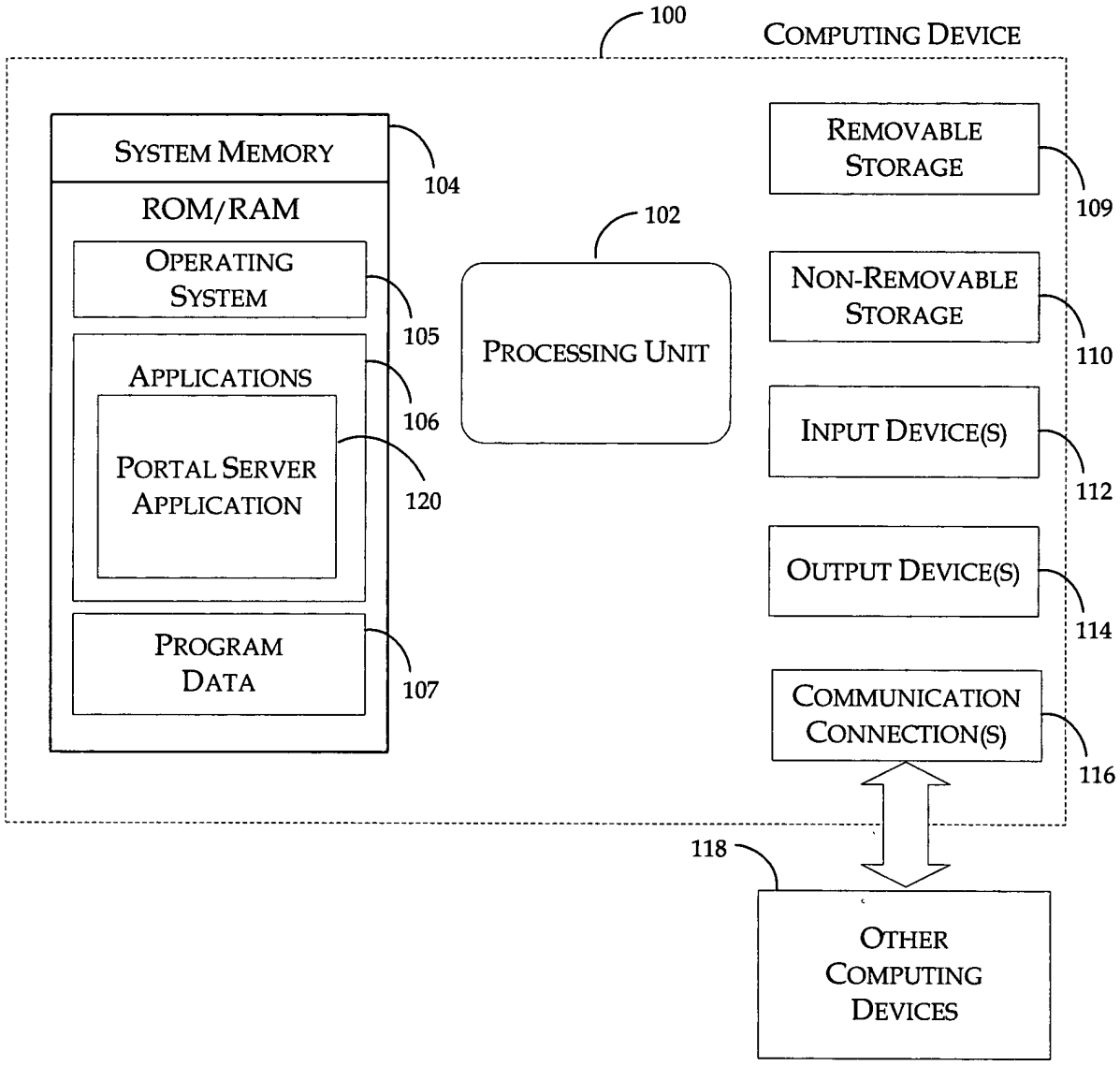

100
COMPUTING DEVICE
SYSTEM MEMORY
104
ROM/RAM
OPERATING SYSTEM
105
APPLICATIONS
106
PORTAL SERVER APPLICATION
120
PROGRAM DATA
107
102
PROCESSING UNIT
REMOVABLE STORAGE
109
NON-REMOVABLE STORAGE
110
INPUT DEVICE(S)
112
OUTPUT DEVICE(S)
114
COMMUNICATION CONNECTION(S)
116
118
OTHER COMPUTING DEVICES

Fig. 1

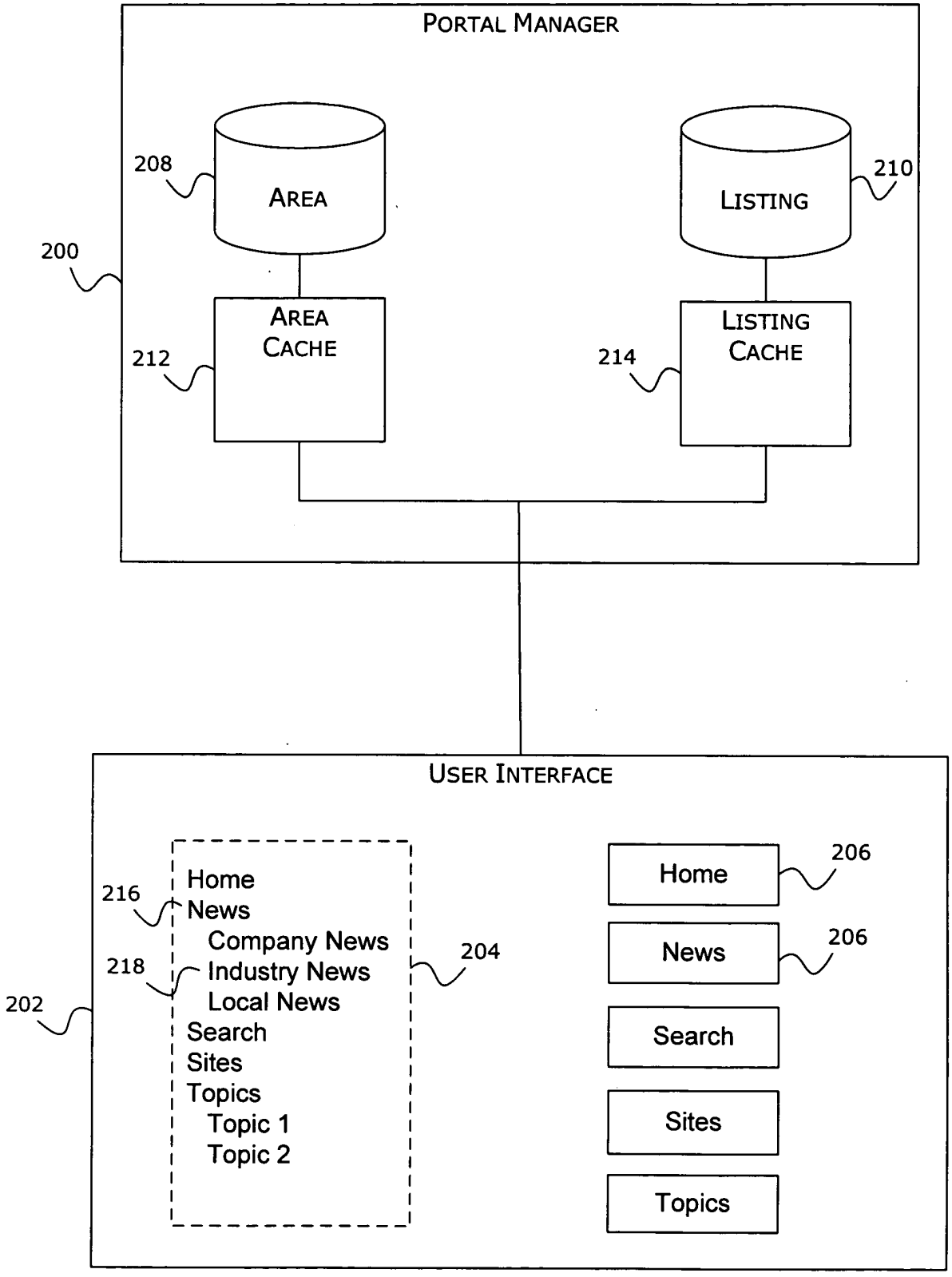

PORTAL MANAGER
208
AREA
210
LISTING
200
AREA CACHE
212
LISTING CACHE
214
USER INTERFACE
Home
News
Company News
Industry News
Local News
Search
Sites
Topics
Topic 1
Topic 2
216
218
202
204
Home
206
News
206
Search
Sites
Topics

Fig. 2

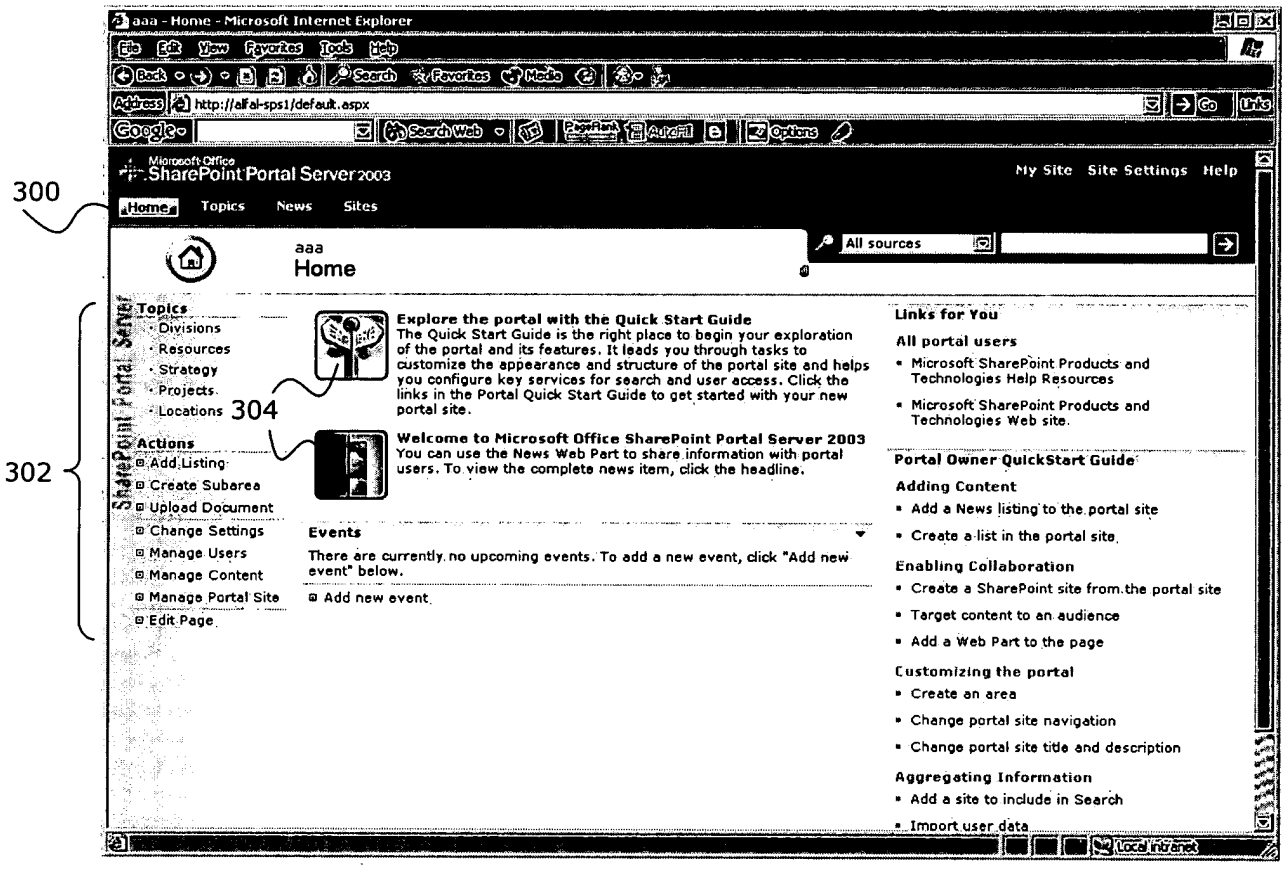

300
302
304
aaa - Home - Microsoft Internet Explorer
Microsoft Office SharePoint Portal Server 2003
My Site Site Settings Help
Home Topics News Sites
aaa
Home
All sources
Topics
Divisions
Resources
Strategy
Projects
Locations
Actions
Add Listing
Create Subarea
Upload Document
Change Settings
Manage Users
Manage Content
Manage Portal Site
Edit Page
Explore the portal with the Quick Start Guide
The Quick Start Guide is the right place to begin your exploration of the portal and its features. It leads you through tasks to customize the appearance and structure of the portal site and helps you configure key services for search and user access. Click the links in the Portal Quick Start Guide to get started with your new portal site.
Welcome to Microsoft Office SharePoint Portal Server 2003
You can use the News Web Part to share information with portal users. To view the complete news item, click the headline.
Events
There are currently no upcoming events. To add a new event, click "Add new event" below.
Add new event
Links for You
All portal users
Microsoft SharePoint Products and Technologies Help Resources
Microsoft SharePoint Products and Technologies Web site.
Portal Owner QuickStart Guide
Adding Content
Add a News listing to the portal site
Create a list in the portal site
Enabling Collaboration
Create a SharePoint site from the portal site
Target content to an audience
Add a Web Part to the page
Customizing the portal
Create an area
Change portal site navigation
Change portal site title and description
Aggregating Information
Add a site to include in Search
Import user data
Local intranet

Fig. 3

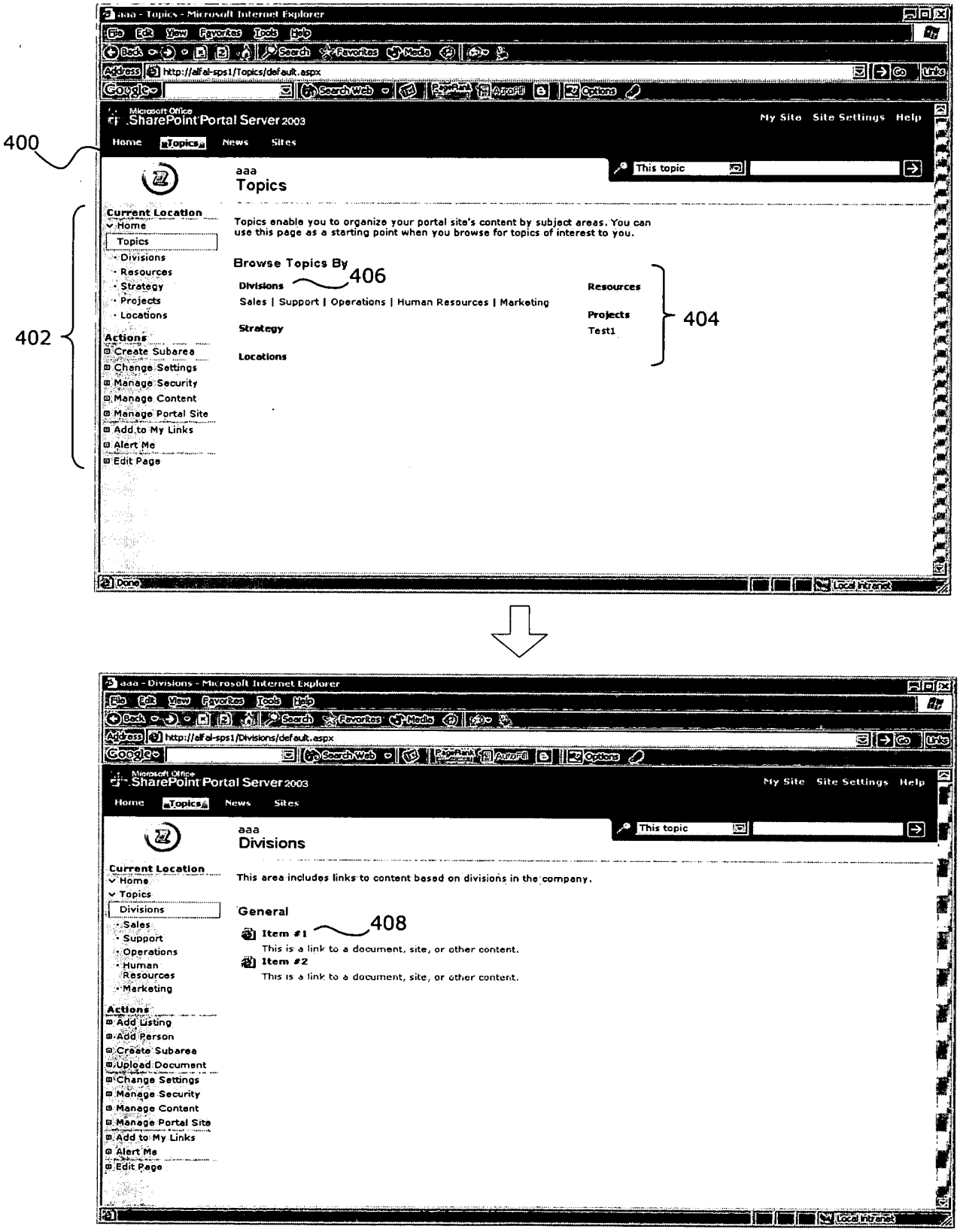
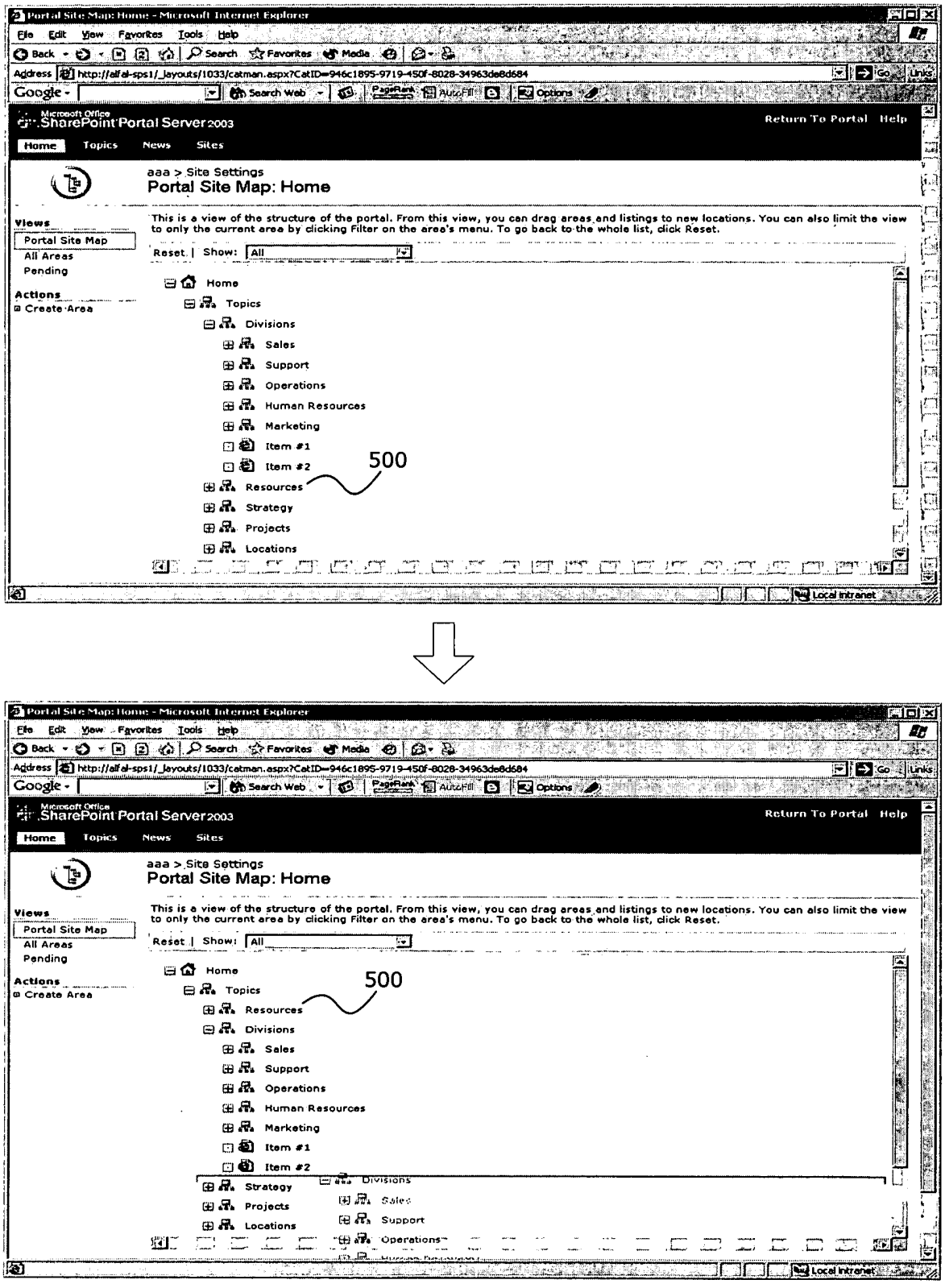

400
402
404
406
408
aaa - Topics - Microsoft Internet Explorer
http://alfal-sps1/Topics/default.aspx
SharePoint Portal Server 2003
My Site Site Settings Help
Home Topics News Sites
This topic
aaa
Topics
Current Location
Home
Topics
Divisions
Resources
Strategy
Projects
Locations
Actions
Create Subarea
Change Settings
Manage Security
Manage Content
Manage Portal Site
Add to My Links
Alert Me
Edit Page
Topics enable you to organize your portal site's content by subject areas. You can use this page as a starting point when you browse for topics of interest to you.
Browse Topics By
Divisions
Sales | Support | Operations | Human Resources | Marketing
Strategy
Locations
Resources
Projects
Test1
aaa - Divisions - Microsoft Internet Explorer
http://alfal-sps1/Divisions/default.aspx
Divisions
This area includes links to content based on divisions in the company.
General
Item #1
This is a link to a document, site, or other content.
Item #2
This is a link to a document, site, or other content.
Sales
Support
Operations
Human Resources
Marketing
Add Listing
Add Person
Create Subarea
Upload Document
Change Settings
Manage Security
Manage Content
Manage Portal Site
Add to My Links
Alert Me
Edit Page

Fig. 4


Portal Site Map: Home - Microsoft Internet Explorer
SharePoint Portal Server 2003
Return To Portal
Help
Home
Topics
News
Sites
aaa > Site Settings
Portal Site Map: Home
Views
Portal Site Map
All Areas
Pending
Actions
Create Area
This is a view of the structure of the portal. From this view, you can drag areas and listings to new locations. You can also limit the view to only the current area by clicking Filter on the area's menu. To go back to the whole list, click Reset.
Reset | Show: All
Home
Topics
Divisions
Sales
Support
Operations
Human Resources
Marketing
Item #1
Item #2
Resources
Strategy
Projects
Locations
500
Local intranet

Portal Site Map: Home - Microsoft Internet Explorer
SharePoint Portal Server 2003
Return To Portal
Help
Home
Topics
News
Sites
aaa > Site Settings
Portal Site Map: Home
Views
Portal Site Map
All Areas
Pending
Actions
Create Area
This is a view of the structure of the portal. From this view, you can drag areas and listings to new locations. You can also limit the view to only the current area by clicking Filter on the area's menu. To go back to the whole list, click Reset.
Reset | Show: All
Home
Topics
Resources
Divisions
Sales
Support
Operations
Human Resources
Marketing
Item #1
Item #2
Strategy
Projects
Locations
500
Local intranet

Fig. 5

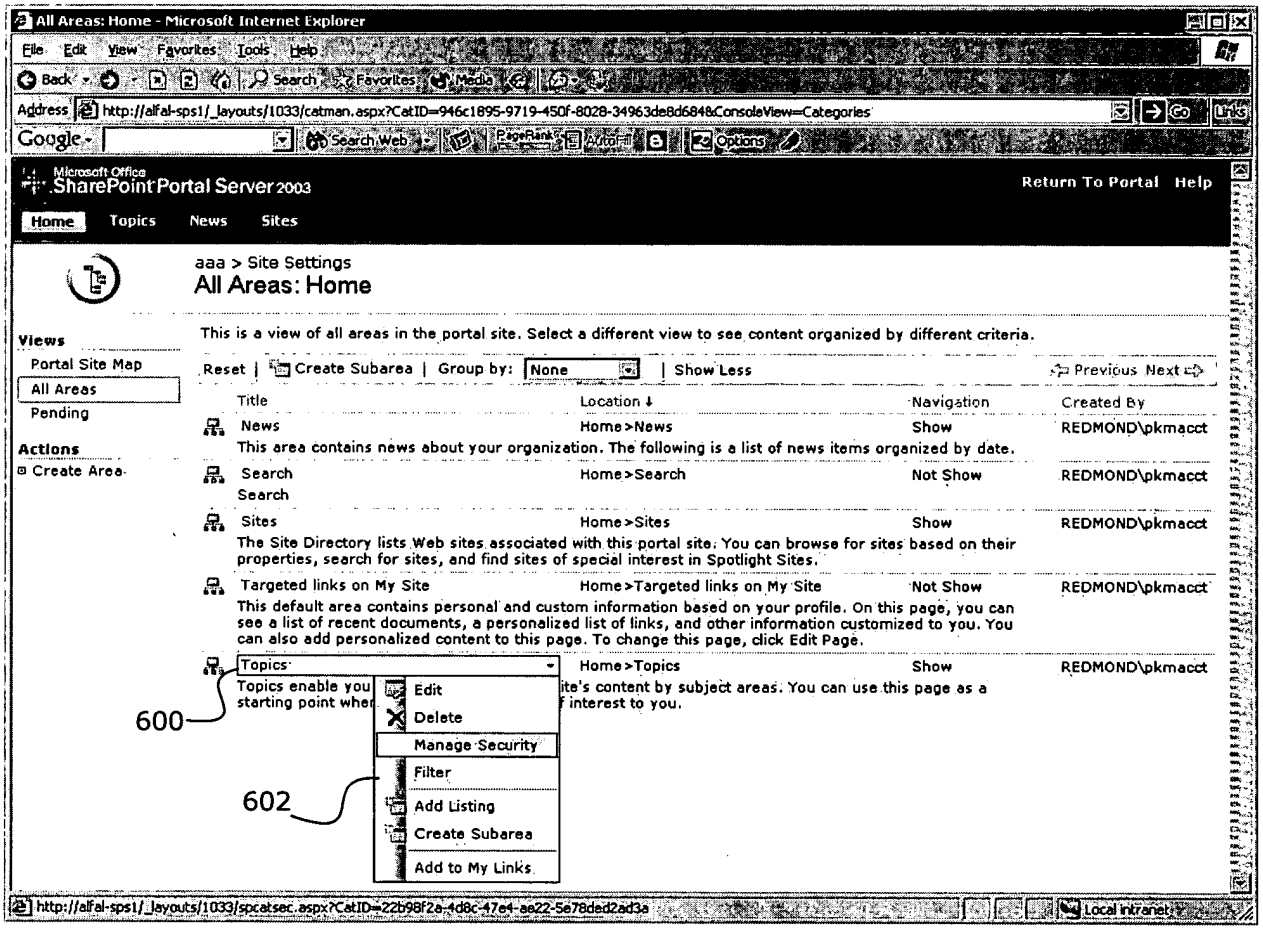

All Areas: Home - Microsoft Internet Explorer
File Edit View Favorites Tools Help
Address http://alfal-sps1/_layouts/1033/catman.aspx?CatID=946c1895-9719-450f-8028-34963de8d684&ConsoleView=Categories
Microsoft Office SharePoint Portal Server 2003
Return To Portal Help
Home Topics News Sites
aaa > Site Settings
All Areas: Home
Views
Portal Site Map
All Areas
Pending
Actions
Create Area
This is a view of all areas in the portal site. Select a different view to see content organized by different criteria.
Reset | Create Subarea | Group by: None | Show Less
Previous Next
Title
Location
Navigation
Created By
News
Home>News
Show
REDMOND\pkmacct
This area contains news about your organization. The following is a list of news items organized by date.
Search
Home>Search
Not Show
REDMOND\pkmacct
Search
Sites
Home>Sites
Show
REDMOND\pkmacct
The Site Directory lists Web sites associated with this portal site. You can browse for sites based on their properties, search for sites, and find sites of special interest in Spotlight Sites.
Targeted links on My Site
Home>Targeted links on My Site
Not Show
REDMOND\pkmacct
This default area contains personal and custom information based on your profile. On this page, you can see a list of recent documents, a personalized list of links, and other information customized to you. You can also add personalized content to this page. To change this page, click Edit Page.
Topics
Home>Topics
Show
REDMOND\pkmacct
Topics enable you
starting point wher
ite's content by subject areas. You can use this page as a
f interest to you.
600
Edit
Delete
Manage Security
Filter
602
Add Listing
Create Subarea
Add to My Links
http://alfal-sps1/_layouts/1033/spcatsec.aspx?CatID=22b98f2a-4d8c-47e4-ae22-5e78ded2ad3a
Local intranet

Fig. 6

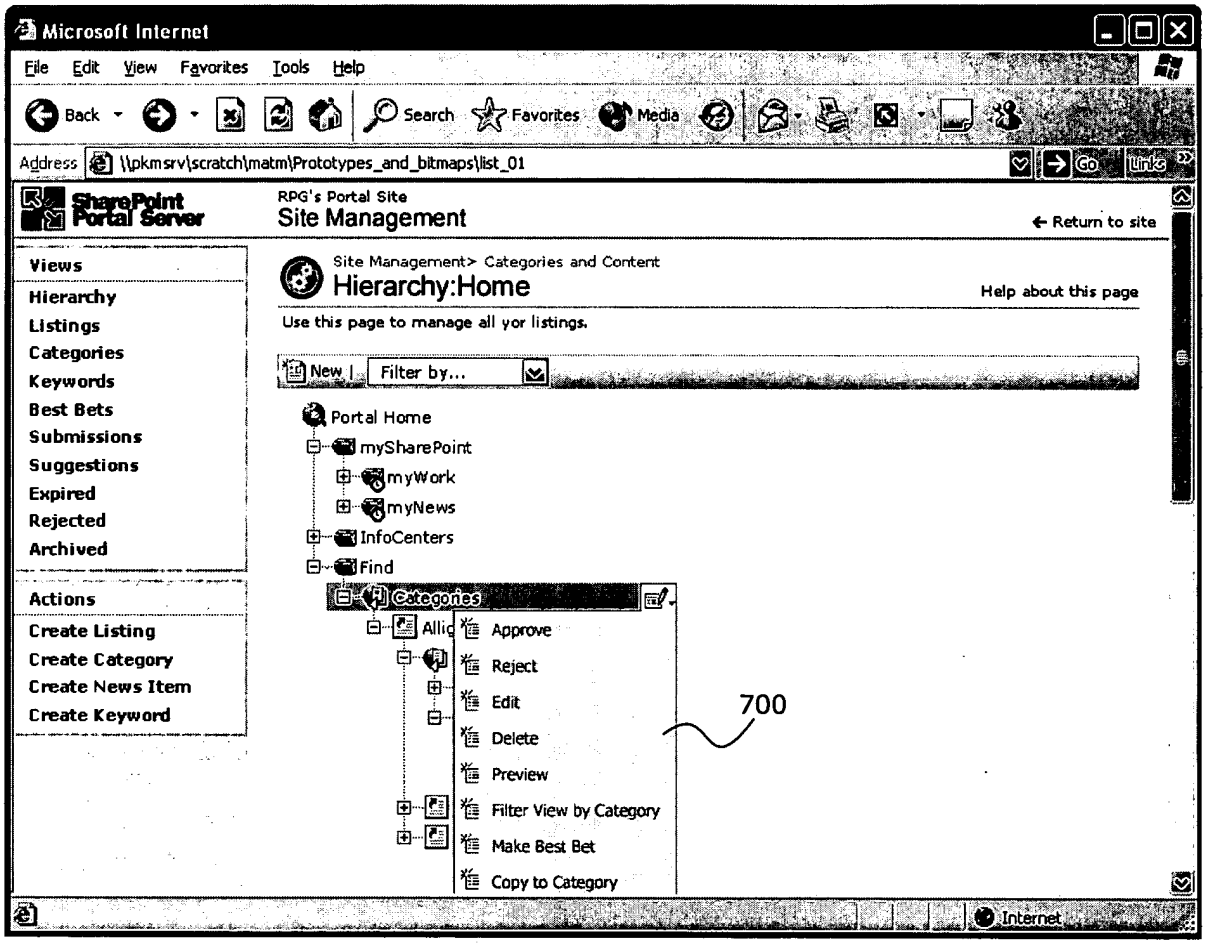

Microsoft Internet
File Edit View Favorites Tools Help
Back Search Favorites Media
Address \\pkmsrv\scratch\matm\Prototypes_and_bitmaps\list_01
SharePoint Portal Server
RPG's Portal Site
Site Management
Return to site
Views
Hierarchy
Listings
Categories
Keywords
Best Bets
Submissions
Suggestions
Expired
Rejected
Archived
Actions
Create Listing
Create Category
Create News Item
Create Keyword
Site Management> Categories and Content
Hierarchy:Home
Help about this page
Use this page to manage all yor listings.
New
Filter by...
Portal Home
mySharePoint
myWork
myNews
InfoCenters
Find
Categories
Approve
Reject
Edit
Delete
Preview
Filter View by Category
Make Best Bet
Copy to Category
700
Internet

Fig. 7

```
************************
*** Areas table
************************

CREATE TABLE [dbo].[CatDef] (
        [CatID] [uniqueidentifier] NOT NULL ,
800     [ParentID] [uniqueidentifier] NULL ,
        [CatName] [nvarchar] (100) NULL ,
        [Description] [ntext] NULL ,
        [DocLibID] [uniqueidentifier] NOT NULL ,
        [UrlOverride] [tUrl] NULL ,
        DECLARE_HALFURL_COLUMN(SmallIconUrl),
        DECLARE_HALFURL_COLUMN(LargeIconUrl),
        [System] [bit] NOT NULL ,
        [Navigation] [tinyint] NOT NULL ,
804     [CoorApprove] [bit] NOT NULL ,
        [AutoApprove] [tinyint] NOT NULL ,
        [IsAutoCat] [bit] NOT NULL ,
        [Type] [tinyint] NOT NULL ,
        [Indexable] [bit] NOT NULL ,
802     [InheritSecurity] [bit] NOT NULL ,
        [InheritUrl] [tinyint] NOT NULL ,
        [TemplateURL] [ntext] NULL ,
        [AppearanceDate] [datetime] NULL ,
        [ExpirationDate] [datetime] NULL ,
        [CreationDate] [datetime] NOT NULL ,
        [CreatedBy] [nvarchar] (120) NULL ,
        [LastModified] [datetime] NOT NULL ,
        [LastModifiedBy] [nvarchar] (120) NULL ,
        [Order] [int] NULL ,
        [HonorOrder] [bit] NOT NULL ,
        [SubCatCount] [int] NOT NULL ,
        [ListingCount] [int] NOT NULL ,
        [Contact1] [uniqueidentifier] NULL ,
        [Contact1SID] [varbinary] (128) NULL ,
        [Contact1GUID] [uniqueidentifier] NULL ,
        [Contact1Name] [nvarchar] (120) NULL ,
        [Contact1Email] [nvarchar] (150) NULL ,
        [Contact1Picture] [ntext] NULL ,
806     [IsPublicNav] [bit] NOT NULL ,
        [WebUrl] [nvarchar] (256) NULL ,
        [SlotNum] [int] NULL ,
        [BucketID] [bigint] NULL ,
        [Bool1] [bit] NULL ,
        [Bool2] [bit] NULL ,
        [Bool3] [bit] NULL ,
        [NVarChar1] [nvarchar] (255) NULL ,
        [NVarChar2] [nvarchar] (255) NULL ,
        [NVarChar3] [nvarchar] (255) NULL ,
        [NVarChar4] [nvarchar] (255) NULL ,
        [Int1] [int] NULL ,
        [Int2] [int] NULL ,
        [Int3] [int] NULL ,
        [Datetime1] [datetime] NULL ,
        [NText1] [ntext] NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
```

Fig. 8

```
************************
*** Listings table
************************

CREATE TABLE [dbo].[CatJoint] (
        [CatID] [uniqueidentifier] NOT NULL ,
        [ListingID] [uniqueidentifier] NOT NULL ,
        [Title] [nvarchar] (100) NULL ,
        [Description] [ntext] NULL ,
        [PersonSID] [varbinary] (128) NULL ,
        [PersonGUID] [uniqueidentifier] NULL ,
        [PersonEmail] [nvarchar] (150) NULL,
        [PersonPreferredName] [nvarchar] (150) NULL ,
        [Type] [tinyint] NOT NULL ,
        [UrlHash] [int] NOT NULL ,
        [Url] [tDoubleUrl] NULL ,
        [HtmlBlob] [ntext] NULL ,
        DECLARE_HALFURL_COLUMN(LargeIconUrl),
        DECLARE_HALFURL_COLUMN(SmallIconUrl),
        [BestBet] [bit] NOT NULL ,
        [Status] [tinyint] NOT NULL ,
900     [AppearanceDate] [datetime] NULL ,
        [ExpirationDate] [datetime] NULL ,
        [Indexable] [bit] NOT NULL ,
        [IndexCatalog] [nvarchar] (50) NULL ,
        [IndexScope] [nvarchar] (100) NULL ,
        [CreationDate] [datetime] NOT NULL ,
        [CreatedBy] [nvarchar] (120) NULL ,
        [LastModified] [datetime] NOT NULL ,
        [LastModifiedBy] [nvarchar] (120) NULL ,
        [Order] [int] NULL ,
902     [GroupId] [int] NOT NULL ,
        [BucketID] [bigint] NULL ,
        [ReallyIndexable] [bit] NULL ,
        [Bool1] [bit] NULL ,
        [Bool2] [bit] NULL ,
        [Bool3] [bit] NULL ,
        [NVarChar1] [nvarchar] (255) NULL ,
        [NVarChar2] [ntext] NULL,
        [NVarChar3] [ntext] NULL,
        [NVarChar4] [ntext] NULL,
        [Int1] [int] NULL ,
        [Int2] [int] NULL ,
        [Int3] [int] NULL ,
        [Datetime1] [datetime] NULL ,
        [NText1] [ntext] NULL
) ON [PRIMARY] TEXTIMAGE_ON [PRIMARY]
```

Fig. 9

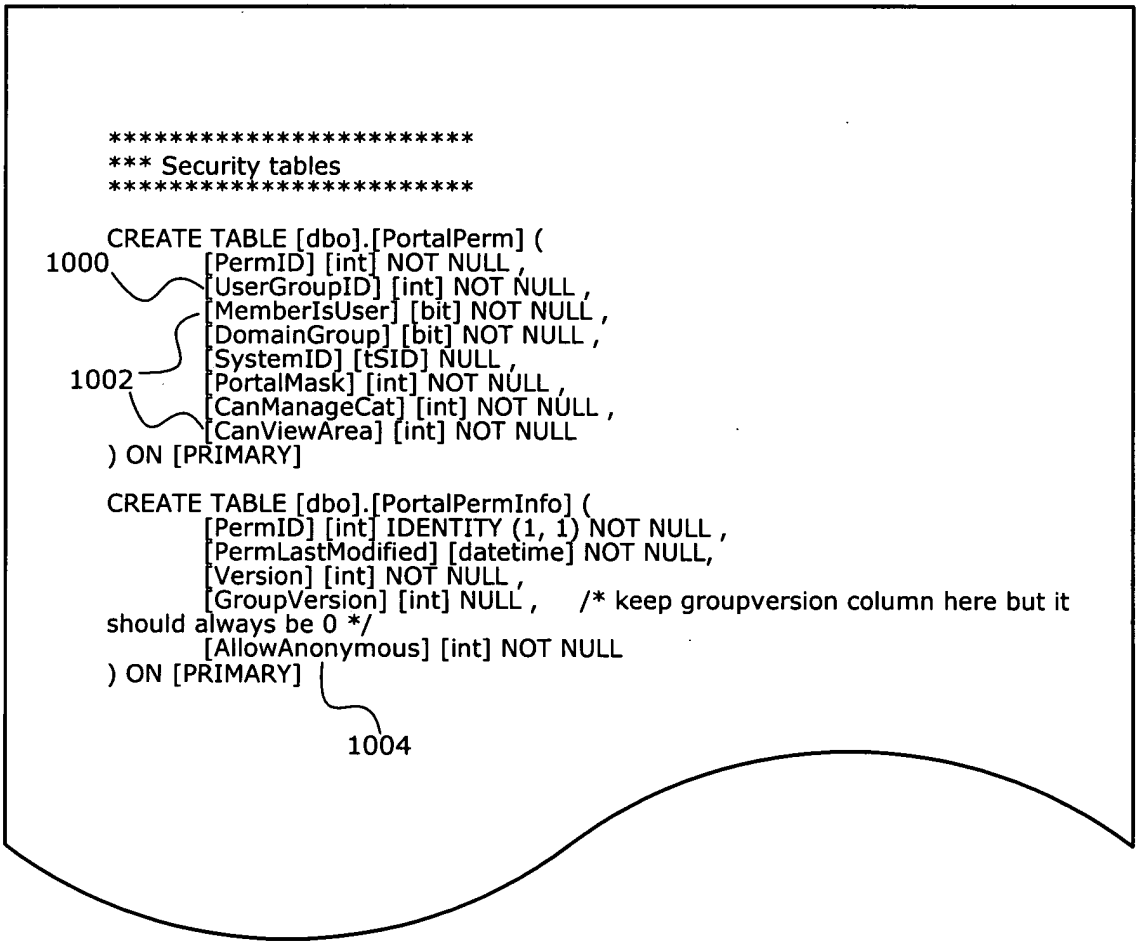

****
*** Security tables
****
CREATE TABLE [dbo].[PortalPerm] (
[PermID] [int] NOT NULL ,
[UserGroupID] [int] NOT NULL ,
[MemberIsUser] [bit] NOT NULL ,
[DomainGroup] [bit] NOT NULL ,
[SystemID] [tSID] NULL ,
[PortalMask] [int] NOT NULL ,
[CanManageCat] [int] NOT NULL ,
[CanViewArea] [int] NOT NULL
) ON [PRIMARY]
CREATE TABLE [dbo].[PortalPermInfo] (
[PermID] [int] IDENTITY (1, 1) NOT NULL ,
[PermLastModified] [datetime] NOT NULL,
[Version] [int] NOT NULL ,
[GroupVersion] [int] NULL , /* keep groupversion column here but it
should always be 0 */
[AllowAnonymous] [int] NOT NULL
) ON [PRIMARY]
1000
1002
1004

Fig. 10

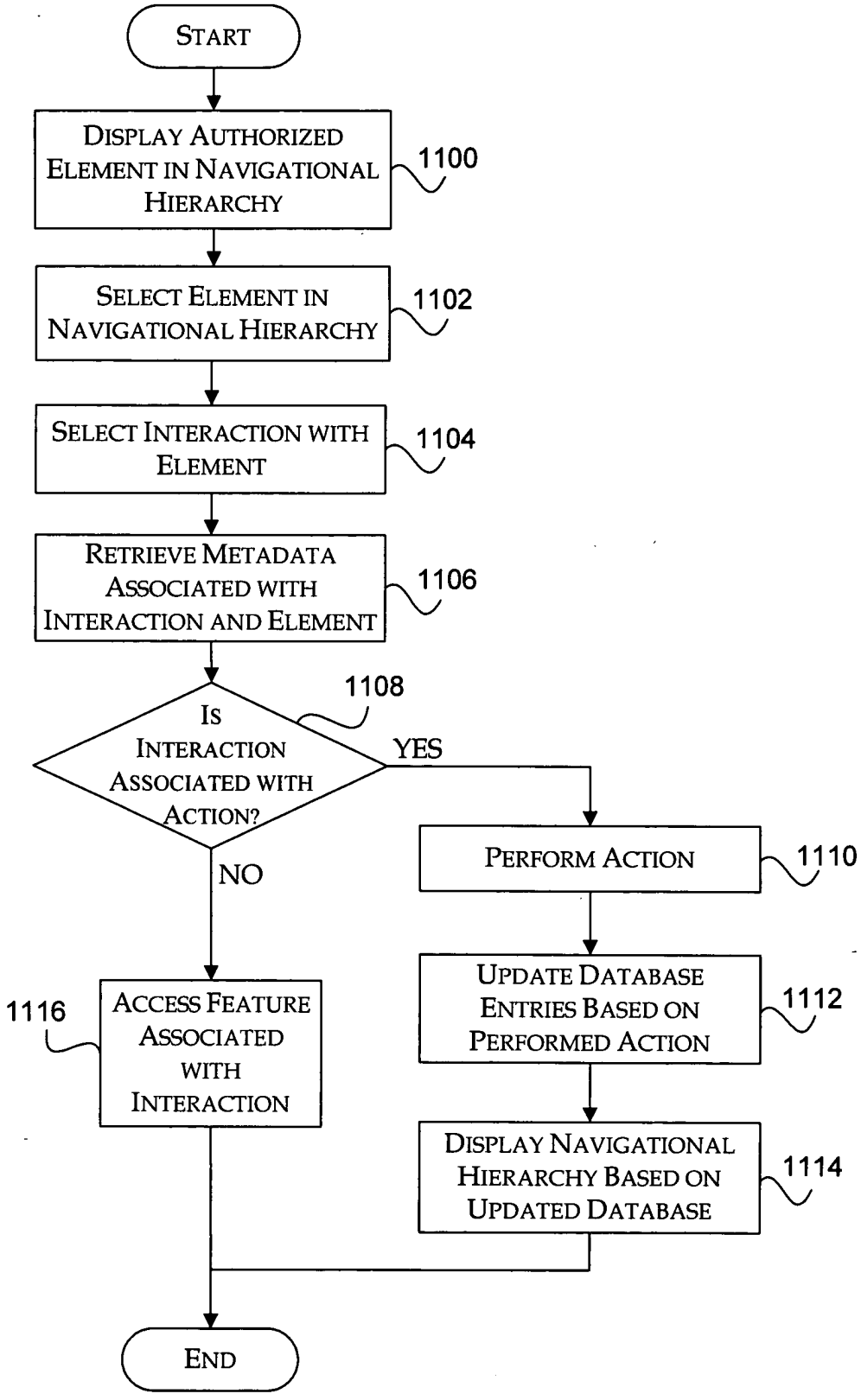

START
DISPLAY AUTHORIZED ELEMENT IN NAVIGATIONAL HIERARCHY
1100
SELECT ELEMENT IN NAVIGATIONAL HIERARCHY
1102
SELECT INTERACTION WITH ELEMENT
1104
RETRIEVE METADATA ASSOCIATED WITH INTERACTION AND ELEMENT
1106
1108
IS INTERACTION ASSOCIATED WITH ACTION?
YES
NO
PERFORM ACTION
1110
UPDATE DATABASE ENTRIES BASED ON PERFORMED ACTION
1112
DISPLAY NAVIGATIONAL HIERARCHY BASED ON UPDATED DATABASE
1114
1116
ACCESS FEATURE ASSOCIATED WITH INTERACTION
END

Fig. 11